ABSTRACT OF THE DISCLOSURE

A vertical axis tower fan apparatus having an adjustable support column. The tower fan apparatus is comprised of a support base, a telescopic support column adjustable between fixed, retracted and extended positions, a vertical axis propeller encased within a housing, and a motor. The vertical axis propeller is contained within the cylindrical housing, wherein the housing is rotatably coupled to one end of the support column. The fan is rotatably connected to the top of the support column and is adapted to rotate freely thereon, when activated. The opposing end of the column is insertable into the support base. The telescopic column is comprised of a hollow pillar and an extendable member removably inserted within the hollow pillar. The column is manually adjustable to a variety of heights to provide cooling air to different target heights via the use of an adjustable locking sleeve. The sleeve may be loosened, to allow the extendable member to be extracted from within the hollow pillar and raised until the fan reaches a desirable height. Conversely, the extendable member may be retracted until the fan reaches another target height. When the desired height is reached, the sleeve is tightened thereby preventing the member from moving within the pillar. A keypad located in the housing cover, or a remote control unit allows the user to program the fan, via the use of a microcontroller within the fan housing, to achieve a variety of speeds and wind patterns, as well as activating an oscillation mode and a timer.

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